

Fig.1

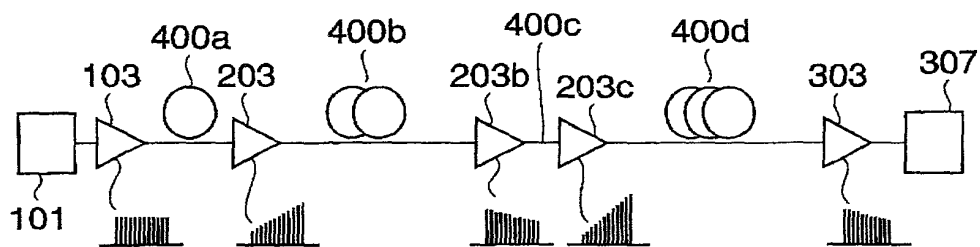


Fig.2A

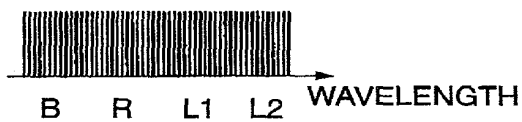


Fig.2B

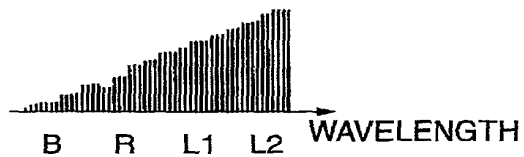


Fig.3

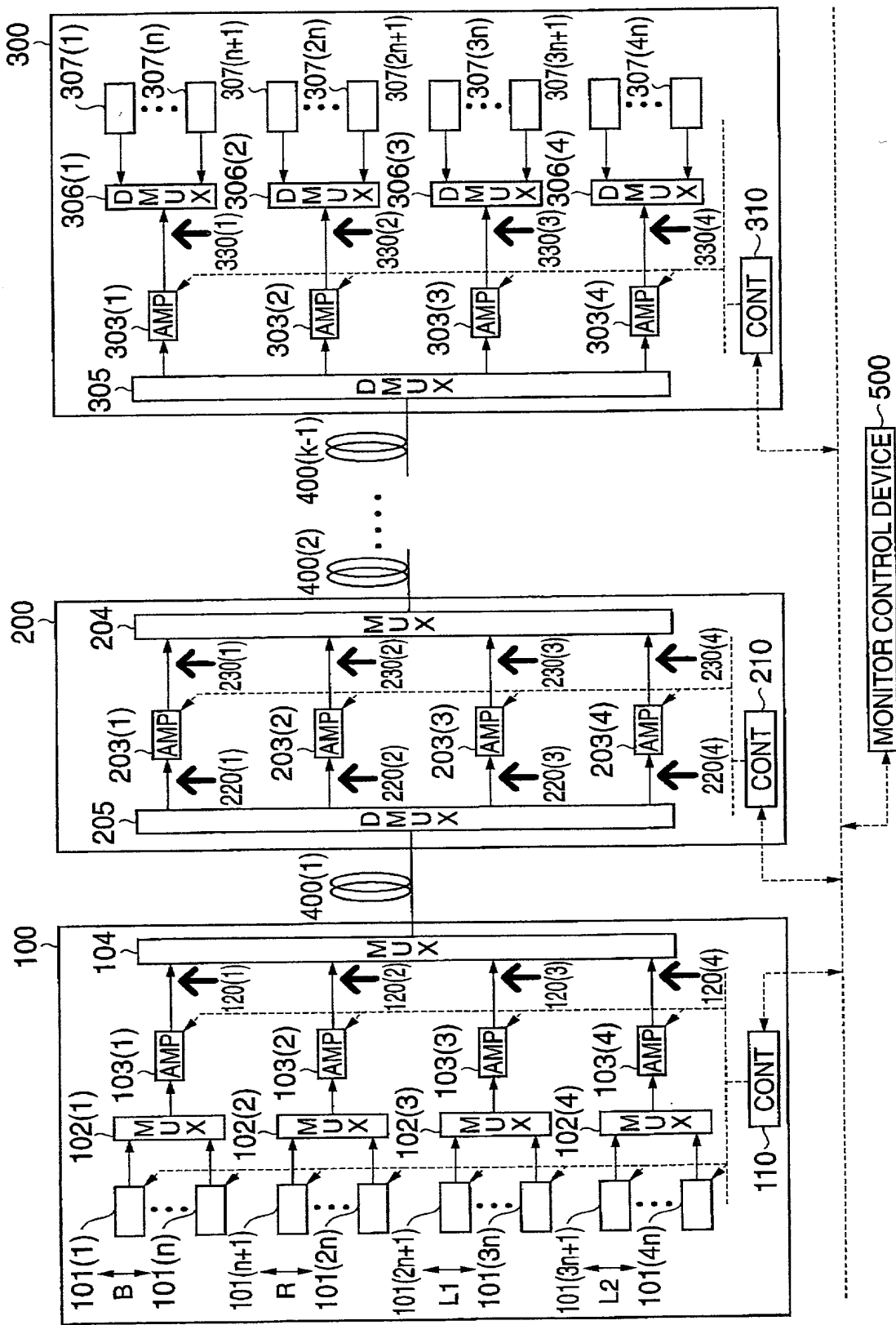
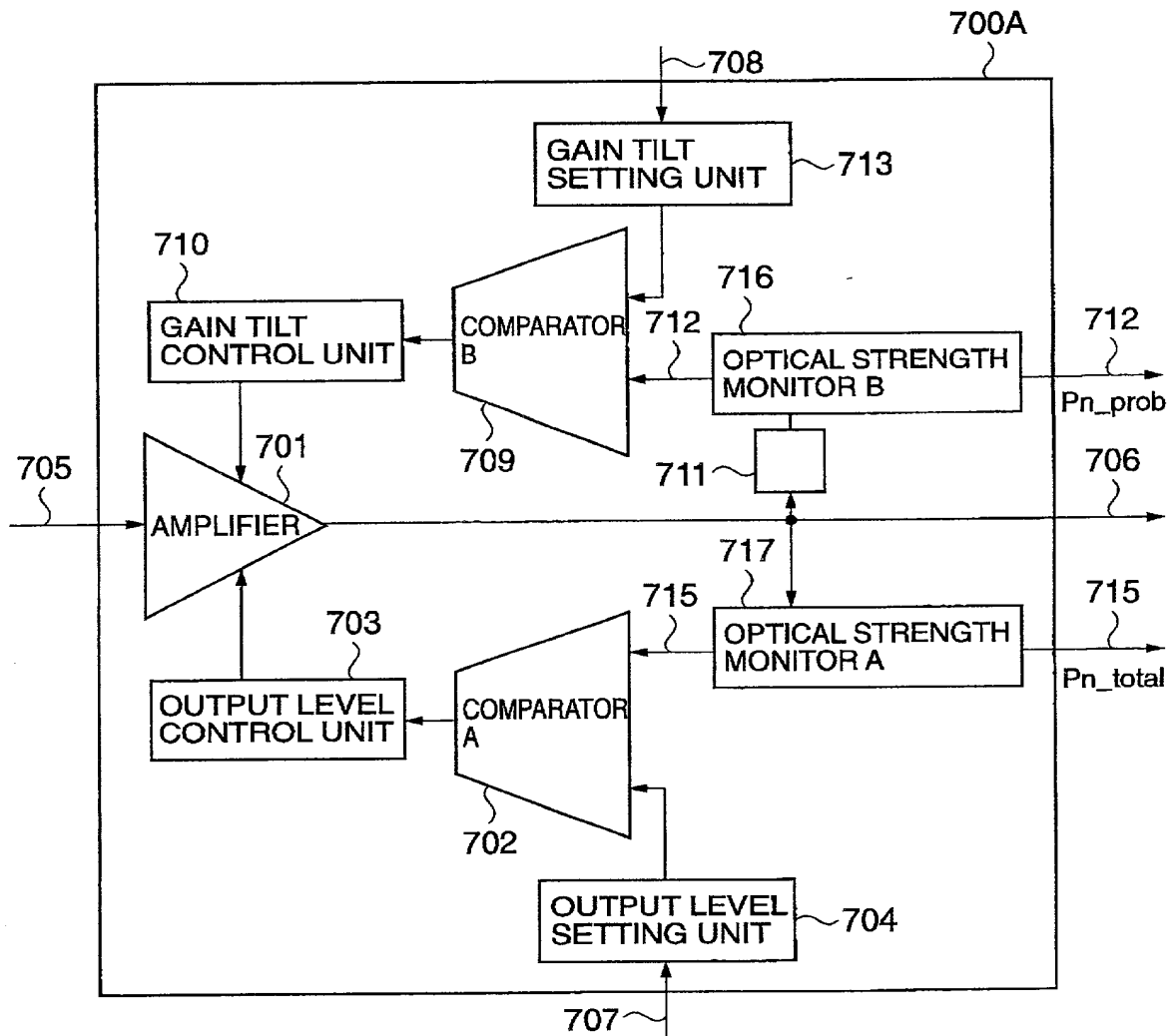


Fig.4



1ST ENBEDIENT
 PATENTABLE FEATURES TWO MONITORS - ALMOST REAL TIME FEED BACK
 S/N REMAINS

Fig.5

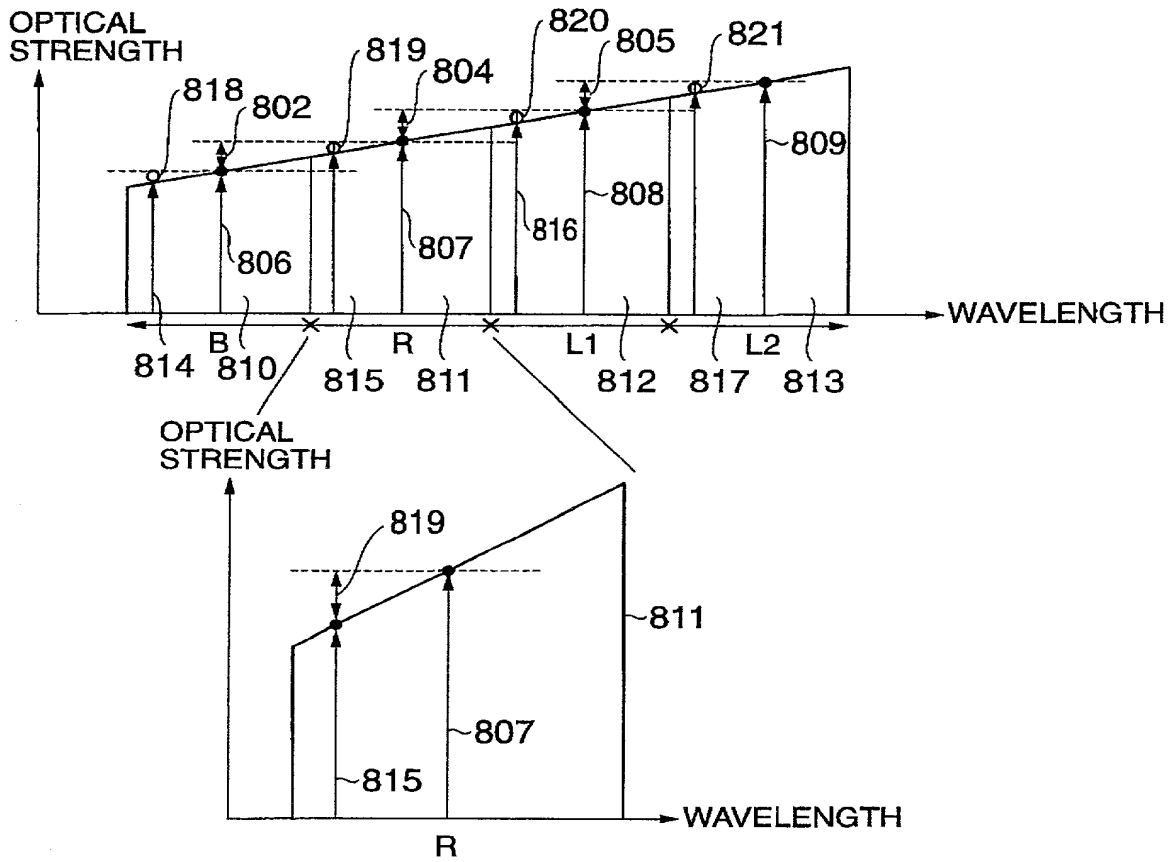


Fig.6

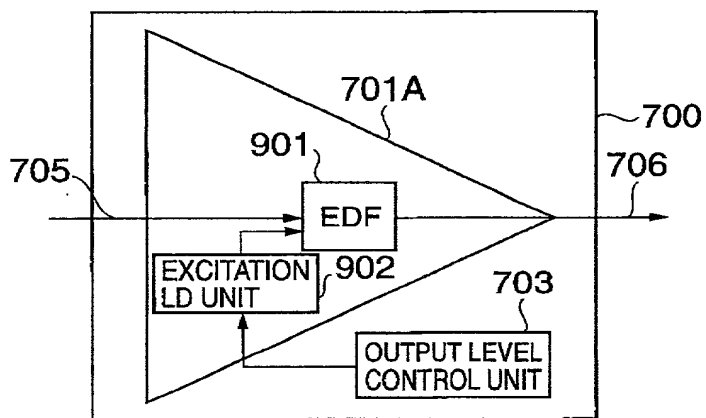


Fig.7

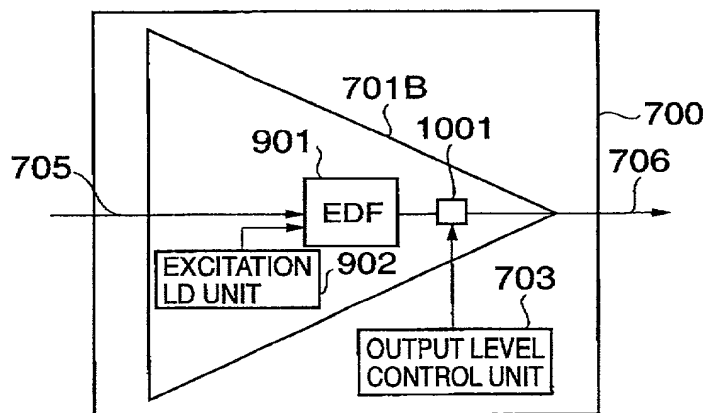


Fig.8

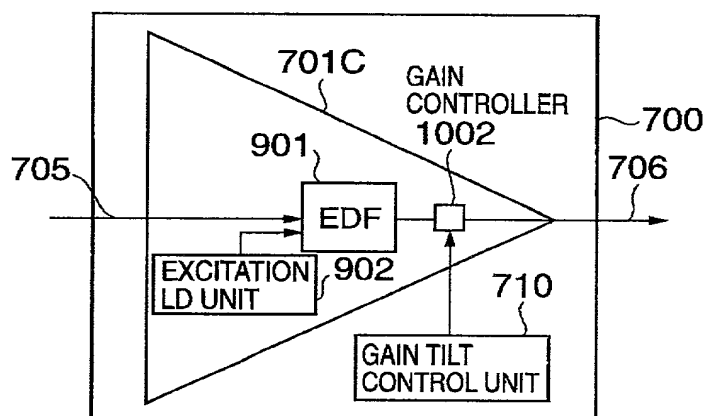


Fig.9

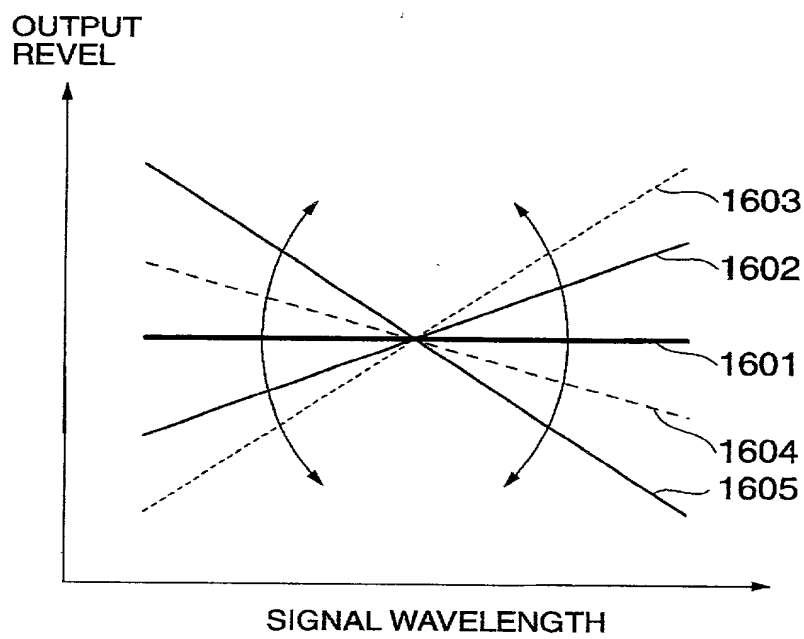


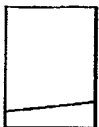
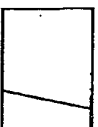











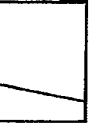


Fig.10

PRE AMPLIFIER 103 AFTER OUTPUT SPECTRUM	FIBER 400(1) AFTER TRANSMISSION SPECTRUM	LINE AMPLIFIER 203 AFTER OUTPUT SPECTRUM	POST AMPLIFIER 303 AFTER OUTPUT SPECTRUM
120(1) 	220(1) 	230(1) 	330(1) 
120(2) 	220(2) 	230(2) 	330(2) 
120(3) 	220(3) 	230(3) 	330(3) 
120(4) 	220(4) 	230(4) 	330(4) 

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Fig.11

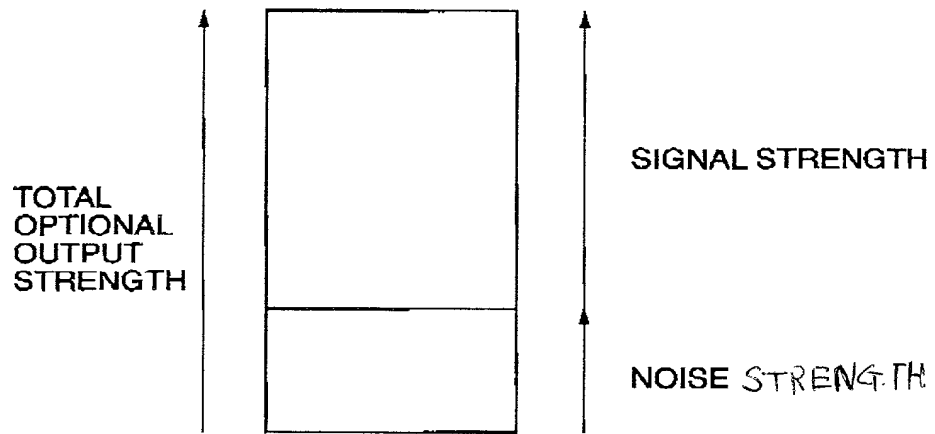


Fig.12







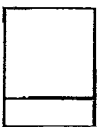

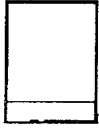



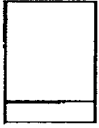



PRE AMPLIFIER 103 AFTER OUTPUT SPECTRUM	FIBER 400(1) AFTER TRANSMISSION SPECTRUM	LINE AMPLIFIER 203 AFTER OUTPUT SPECTRUM	POST AMPLIFIER 303 AFTER OUTPUT SPECTRUM
120(1) 	220(1) 	230(1) 	330(1) 
120(2) 	220(2) 	230(2) 	330(2) 
120(3) 	220(3) 	230(3) 	330(3) 
120(4) 	220(4) 	230(4) 	330(4) 

Fig.13

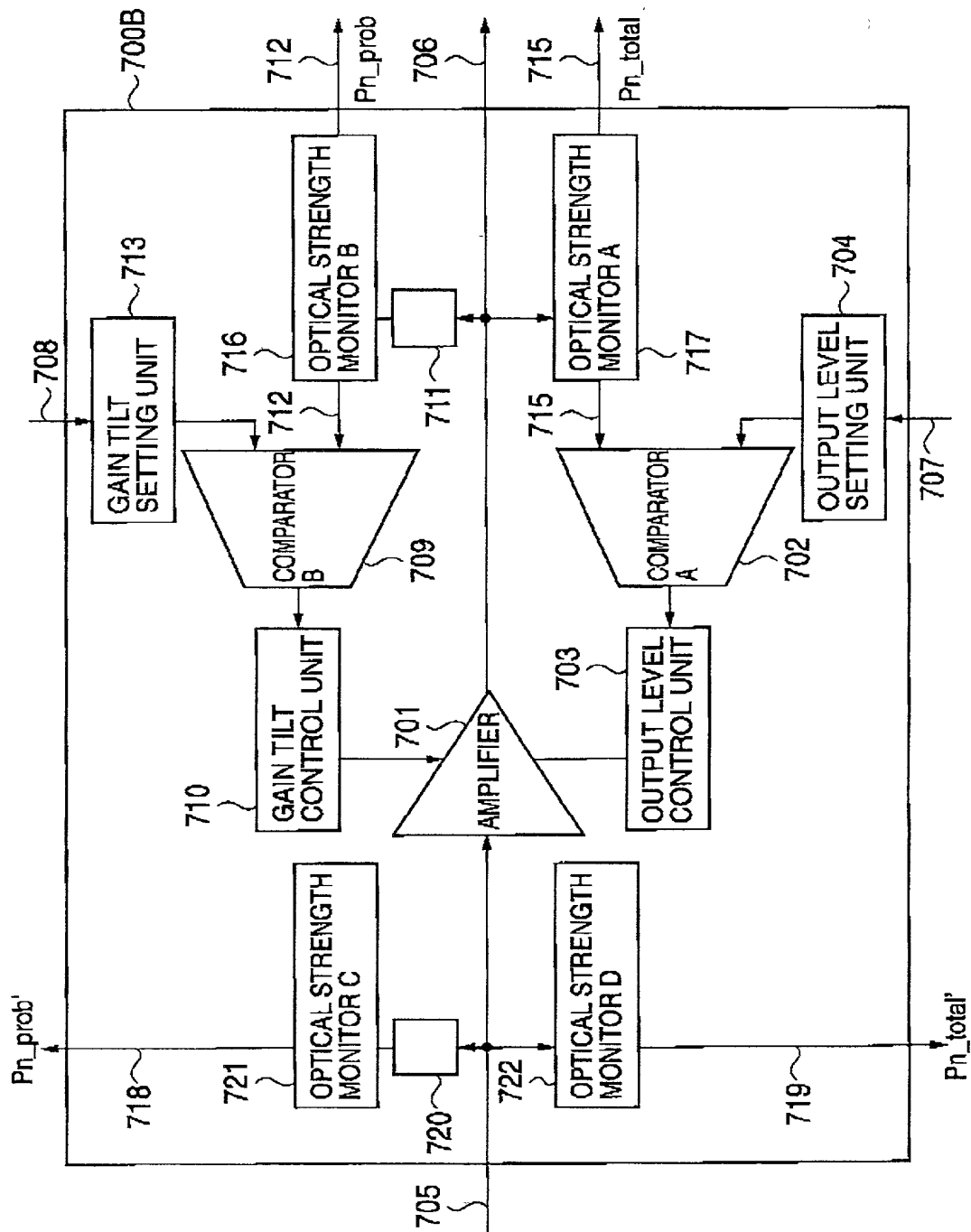




Fig.16A

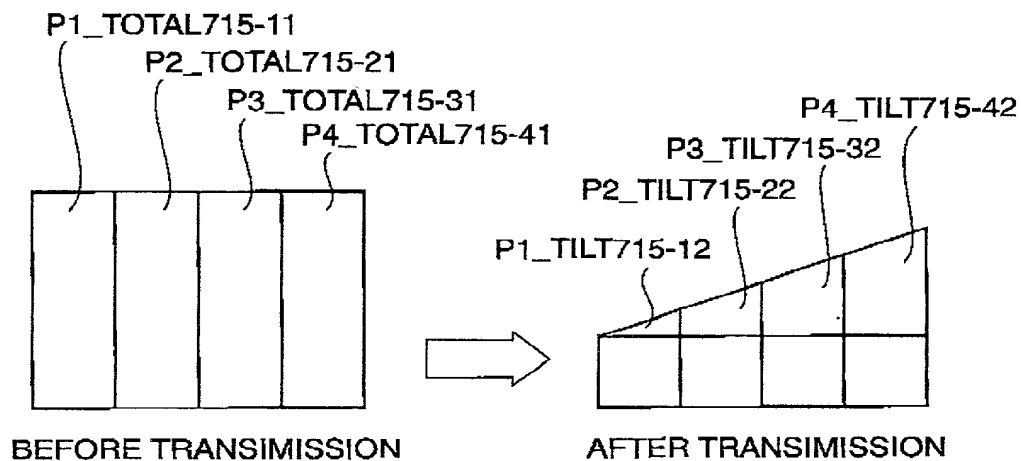


Fig.16B

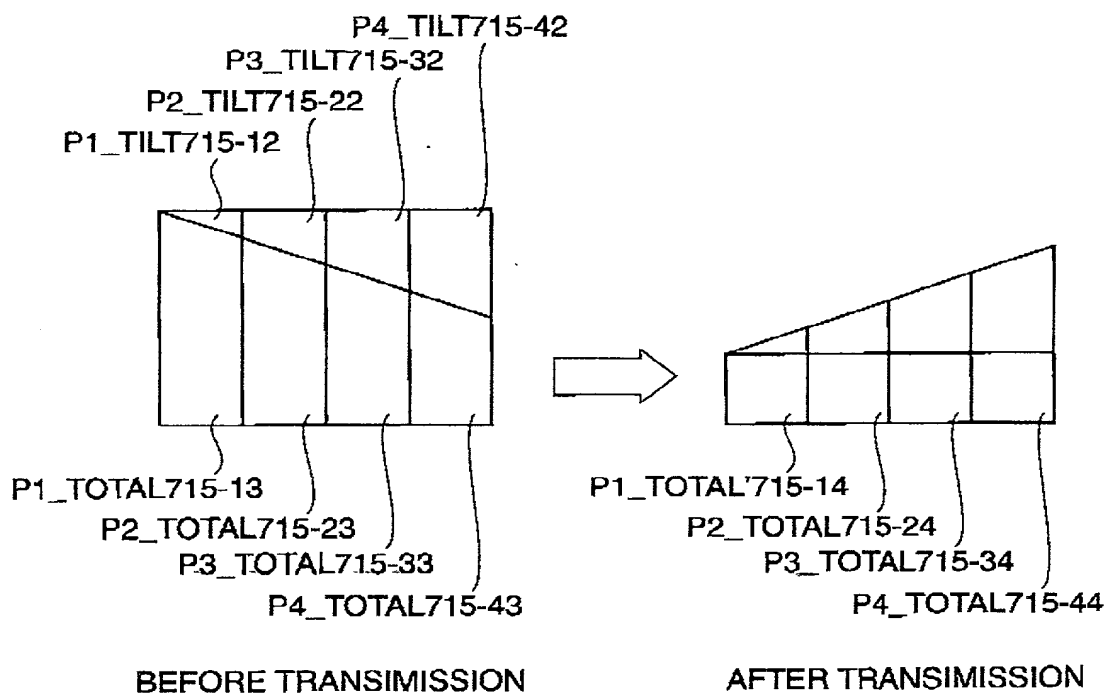


Fig.17

















PRE AMPLIFIER 103 AFTER OUTPUT SPECTRUM	FIBER 400(1) AFTER TRANSMISSION SPECTRUM	LINE AMPLIFIER 203 AFTER OUTPUT SPECTRUM	POST AMPLIFIER 303 AFTER OUTPUT SPECTRUM
120(1) 	220(1) 	230(1) 	330(1) 
120(2) 	220(2) 	230(2) 	330(2) 
120(3) 	220(3) 	230(3) 	330(3) 
120(4) 	220(4) 	230(4) 	330(4) 

Fig.18A

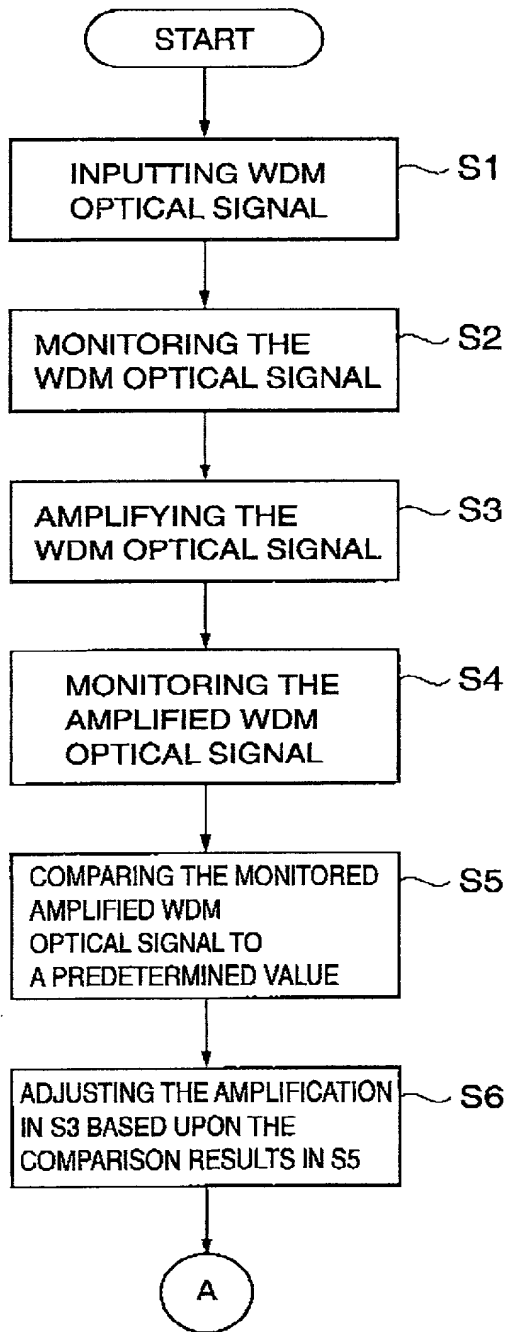


Fig.18B

